

Converting Colors

XYZ(37.9366, 39.2181, 94.3773)

Have a look what the booklet for
XYZ(37.9366, 39.2181, 94.3773)
contains.

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Color

**XYZ(37.9366, 39.2181,
94.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	6EABF8
RGB	110, 171, 248
RGB Percent	43%, 67%, 97%
CMY	0.5686, 0.3294, 0.0274
CMYK	0.56, 0.31, 0.00, 0.03
HSL	213°, 91%, 70%
HSV	213°, 56%, 97%
XYZ	37.9366, 39.2181, 94.3773
YIQ	161.5390, -61.0730, 11.0150

Conversions

Conversions Part 2

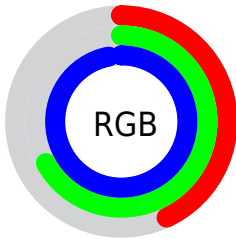
Format	Color
R _Y B	110, 152, 248
Decimal	7252984
CIE Lab	68.91, 2.15, -44.30
CIE LCh	69, 44.349, 272.779
Yxy	39.2181, 0.2212, 0.2286
Android (android.graphics.Color)	4285443064 (0xFF6EABF8)
YUV	161.5390, 42.6253, -45.1997
Hunter-Lab	62.6244, -1.4608, -45.5152

Details

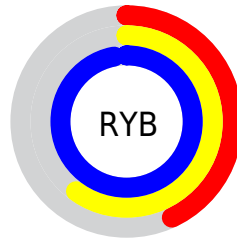
The XYZ color **37.9366, 39.2181, 94.3773** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **59.2981, 56.6256, 22.5583**, and the grayscale version is **33.9565, 35.7249, 38.9044**.

A 20% lighter version of the original color is **61.6085, 70.0477, 104.8812**, and **16.9971, 17.4688, 51.7662** is the 20% darker color. If you saturate the color by 10%, you get **32.7933, 32.8879, 93.4273**, and if you desaturate by 10%, it is **44.2197, 46.5434, 95.4609**.

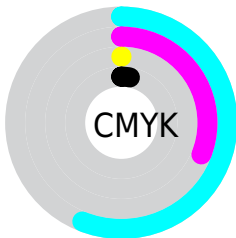
Distribution



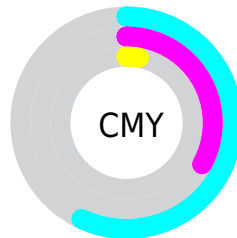
- Red (43%)
- Green (67%)
- Blue (97%)



- Red (43%)
- Yellow (60%)
- Blue (97%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9366, 39.2181, 94.3773 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 37.9366, 39.2181, 94.3773 by changing the saturation by 10% instead.

■ 37.9366, 39.2181,
94.3773

■ 37.9366, 39.2181,
94.3773

328.6335,
342.8169, 563.1029

■ 26.1105, 26.9294,
71.0228

■ 71.3155, 73.9714,
155.3922

■ 17.0394, 17.5202,
51.8788

■ 93.5989, 97.2048,
193.8897

■ 10.3581, 10.6061,
36.5269

■ 120.0989,
124.8552, 238.2719

■ 5.7011, 5.8026,
24.5485

151.1807,
157.3071, 288.9574

■ 2.7031, 2.7254,
15.5251

187.2097,
194.9448, 346.3647

■ 0.9988, 0.9901,
9.0380

228.5513,

■ 0.0000, 0.0000,

238.1528, 410.9123

4.6688

275.5707,
287.3153, 483.0189

■ 0.0000, 0.0000,
1.9990

■ 0.0000, 0.0000,
0.5546

■ 37.9366, 39.2181,
94.3773

■ 37.9366, 39.2181,
94.3773

■ 32.7933, 32.8879,
93.4273

■ 44.2197, 46.5434,
95.4609

■ 28.7031, 27.4937,
92.6017

■ 51.7117, 54.9096,
96.6808

■ 25.5720, 22.9748,
91.8945

■ 60.4811, 64.3637,
98.0435

■ 23.2840, 19.2574,
91.2976

■ 70.5895, 74.9488,
99.5538

■ 22.4784, 17.8474,
91.0678

■ 82.0944, 86.7048,
101.2166

■ 93.6350, 98.9406,
102.9701

■ 93.9434, 99.5574,
103.0728

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.4144, 39.2181, 87.3445



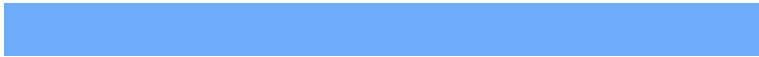
37.9366, 39.2181, 94.3773



45.1040, 39.2181, 84.3471

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.9366, 39.2181, 94.3773



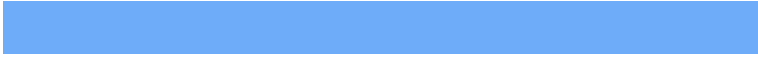
49.8689, 39.2181, 24.9483



26.4773, 39.2181, 27.2963

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.9366, 39.2181, 94.3773



59.2981, 56.6256, 22.5583

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.4099, 39.2181, 17.6780



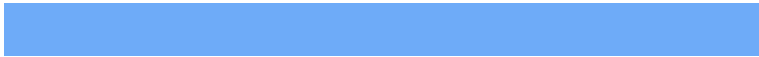
37.9366, 39.2181, 94.3773



43.8240, 39.2181, 16.6532

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.9366, 39.2181, 94.3773



52.5149, 39.2181, 40.8475



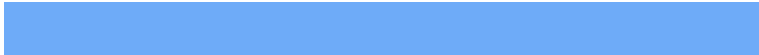
36.6224, 39.2181, 14.4849



25.3128, 39.2181, 44.6115

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.9366, 39.2181, 94.3773



49.1411, 39.2181, 70.7411



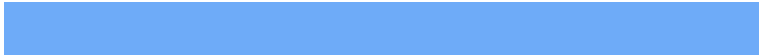
36.6224, 39.2181, 14.4849



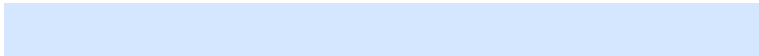
27.4926, 39.2181, 23.2659

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.9380, 39.2195, 94.3783



73.6237, 78.2113, 105.8237



48.8517, 73.9919, 58.1078



15.2784, 16.2411, 22.5795



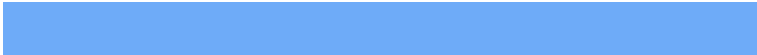
0.0000, 0.0000, 0.0000



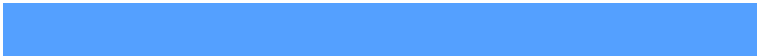
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9380, 39.2195, 94.3783



34.2329, 34.1384, 99.3928



29.8437, 21.7062, 91.4245



16.9145, 17.9057, 21.9500



12.2773, 9.9102, 49.2393



1.2408, 1.1253, 4.5950

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.6393, 34.0504, 42.3799



50.7381, 30.1504, 36.2511



72.6927, 86.9799, 27.7113



17.5634, 17.3527, 19.5564



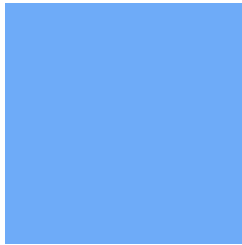
22.4891, 11.4113, 9.2838



2.1352, 1.0778, 1.1355

Previews

White Background



This preview shows how the XYZ color 37.9366, 39.2181, 94.3773 looks on a white background.

Color Contrast Check

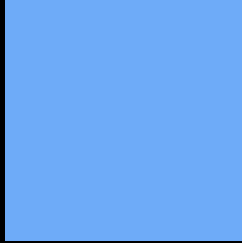
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 37.9366, 39.2181, 94.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

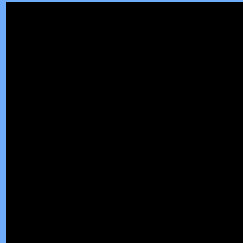
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

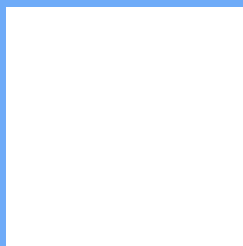
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9366, 39.2181, 94.3773

Background



This preview shows how black text looks on a background with the XYZ color 37.9366, 39.2181, 94.3773.



This preview shows how white text looks on a background with the XYZ color 37.9366, 39.2181,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

37.9366, 39.2181, 94.3773

Protanopia

40.7881, 39.1321, 90.1975

Deuteranopia

40.0952, 38.9373, 95.0249



Tritanopia

30.7041, 39.2069, 58.1740

Trichromacy



Original Color

37.9366, 39.2181, 94.3773

Protanomaly

39.5061, 38.9758, 91.8271

Deuteranomaly

39.2699, 39.0558, 95.0913

Tritanomaly

32.9176, 38.8920, 70.0619

Monochromacy



Original Color

37.9366, 39.2181, 94.3773

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4085, 36.6002, 55.7031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9366, 39.2181, 94.3773 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(110, 171, 248)` looks like.

```
.text, #text, p{  
    color:rgb(110, 171, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(110, 171, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 171, 248) }
```

Border

The CSS property to change the border of an element to XYZ 37.9366, 39.2181, 94.3773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

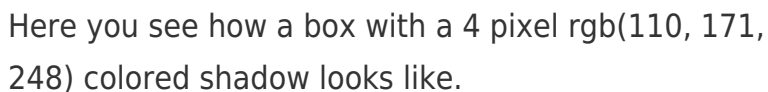
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 171, 248) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(110, 171, 248) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(110, 171, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 171, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 171, 248); box-shadow:4px 4px 4px 4px rgb(110, 171, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9366, 39.2181, 94.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 171, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(110,  
171, 248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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